

WHAT IS CLAIMED IS:

1. A reagent kit for detecting lupus anticoagulant in blood, said kit comprising:

a first coagulation time reagent containing phospholipids including phosphatidylserine; and

a second coagulation time reagent containing phospholipids including phosphatidylserine

wherein the content of phosphatidylserine to the total content of the phospholipids in the first coagulation time reagent is different from the content of phosphatidylserine to the total content of the phospholipids in the second coagulation time reagent.

2. The reagent kit of claim 1, wherein the concentration of phosphatidylserine in a mixture of a sample and the first coagulation time reagent ranges from  $10\ \mu\text{g/ml}$  to  $30\ \mu\text{g/ml}$ , and the concentration of phosphatidylserine in a mixture of a sample and the second coagulation time reagent ranges from  $1\ \mu\text{g/ml}$  to  $7\ \mu\text{g/ml}$ .

3. The reagent kit of claim 1, wherein a concentration of phosphatidylserine in the first coagulation time reagent is 10 to 20 times as high as a concentration of phosphatidylserine in the second coagulation time reagent.

4. The reagent kit of claim 2, wherein a concentration of phosphatidylserine in the first coagulation time reagent is 10 to 20 times as high as a concentration of phosphatidylserine in the second coagulation time reagent.

5. The reagent kit of claim 2, wherein the concentration of phosphatidylserine in a mixture of a sample and the first coagulation time reagent ranges from 15  $\mu$  g/ml to 20  $\mu$  g/ml, and the concentration of phosphatidylserine in a mixture of a sample and the second coagulation time reagent ranges from 2  $\mu$  g/ml to 4  $\mu$  g/ml.

6. The reagent kit of claim 1 wherein the phosphatidylserine is synthetic phosphatidylserine or at least 99% purified phosphatidylserine derived from natural resources.

7. The reagent kit of claim 1, wherein each of the first and the second coagulation time reagent further contains an activator and calcium ions.

8. The reagent kit of claim 1, wherein the first coagulation time reagent comprises a first preparatory reagent and a second preparatory reagent, and the second coagulation time reagent comprises a third preparatory reagent and a fourth preparatory reagent,

wherein the first preparatory reagent contains phospholipids including phosphatidylserine, the concentration of the phosphatidylserine in the first preparatory reagent ranges from 3  $\mu$  g/ml to 1000  $\mu$  g/ml;

the third preparatory reagent contains phospholipids including phosphatidylserine, the concentration of the phosphatidylserine in the third preparatory reagent ranges from 0.2  $\mu$  g/ml to 200  $\mu$  g/ml; and

the concentration of the phosphatidylserine in the first preparatory reagent is higher than that of the phosphatidylserine in the third preparatory reagent.

9. The reagent kit of claim 8, wherein the concentration of the phosphatidylserine in the first preparatory reagent ranges from 30  $\mu$  g/ml to 100  $\mu$  g/ml,

10. The reagent kit of claim 8, wherein the concentrations of the phosphatidylserine in the third preparatory reagent ranges from 2  $\mu$  g/ml to 20  $\mu$  g/ml.

11. The reagent kit of claim 8, wherein each of the first and the third preparatory reagents further contains phosphatidylethanolamine and phosphatidylcholine.

12. The reagent kit of claim 11, wherein the concentration of the phosphatidylethanolamine in each of the first and third preparatory reagents ranges from 0.1  $\mu$  g/ml to 300  $\mu$  g/ml, and the concentration of the phosphatidylcholine in each of the first and third preparatory reagents ranges from 2  $\mu$  g/ml to 1000  $\mu$  g/ml.

13. The reagent kit of claim 11, wherein the concentration of the phosphatidylethanolamine in each of the first and third preparatory reagents ranges from 1  $\mu$  g/ml to 30  $\mu$  g/ml, and the concentration of the phosphatidylcholine in each of the first and third preparatory reagents ranges from 20  $\mu$  g/ml to 100  $\mu$  g/ml.

14. The reagent kit of claim 8, wherein each of the first and the third preparatory reagents further contains phosphatidylethanolamine, phosphatidylcholine and an activator; and

each of the second and the fourth preparatory reagents contains calcium ions.

15. The reagent kit of claim 14, wherein the activator is at least one selected from the group consisting of ellagic acid, kaolin, and sellaite.

16. The reagent kit of claim 1, wherein each of the first and the second coagulation time reagents further contains a viper venom and calcium ions.

17. The reagent kit of claim 1, wherein each of the first and the second coagulation time reagents further contains phosphatidylethanolamine, phosphatidylcholine, viper venom and calcium ions.

18. The reagent kit of claim 16, wherein the viper venom is at least one selected from the group consisting of Russel's venom, textarin venom and ecarin venom.

19. The reagent kit of claim 1, wherein each of the first and the second coagulation time reagents further contains a tissue factor and calcium ions.

20. The reagent kit of claim 1, wherein each of the first and the second coagulation time reagents further contains phosphatidylethanolamine, phosphatidylcholine, a tissue factor and calcium ions.